

(3) *Mirage*.—Fort Niagara, N. Y., on the 13th; New London, Conn., 6th, 18th and 22d, and Atlantic City, N. J., 30th.

### MISCELLANEOUS PHENOMENA.

(1) *Prairie and forest fires* were reported at Wytheville, Va., 2d and 3d; Corsicana Texas, 9th; Breckenridge, Minn., 8th, 12th and 20th; Dodge City, Kan., 1st, 14th, 17th, 24th and 30th; Ellinwood, Kan., 12th, 21st and 24th; De Soto, Neb., 10th to 18th, and Richmond, Neb., 18th to 30th.

(2) *Meteors* were reported at Newport, R. I., 22d; Morgantown, W. Va., 22d and 25th; Logansport, Ind., 8th; Jacksonville, Fla., 17th and 20th; Milford, Del., 8th and 21st; Forsyth, Ga., 20th; Wyand, Ill., 20th; Lyndon, Ill., 6th, 21st and 30th; Belvidere, Ill., 22d; Somonauk, Ill., 5th and 21st; Rock Island, Ill., 27th; Davenport, Iowa, 1st, 3d, 5th, 7th, 9th, 16th, 23d and 28th; Muscatine, Iowa, 26th; Fort Madison, 6th; Dodge City, Kan., 11th, 18th and 19th; Ellinwood, Kan., 8th; Benersville, Ky., 12th and 21st; Point Pleasant, La., 20th and 22d; Woodlawn, Md., 22d; Fallston, Md., 25th, Florida, Mass., 4th, 20th and 27th; Fall River, Mass., 23d; Corning, Mo., 10th and 11th; Howard, Neb., 24th and 30th; Atco, N. J., 17th, 24th and 25th; New York City, 20th and 29th; Waterburgh, N. Y., 17th; North Volney, N. Y., 4th; Flushing, N. Y., 22d; Carthage, Ohio, 8th; Canonsburg, Penn., 25th; Woodstock, Vt., 22d; Strafford, Vt., 27th; Wautoma, Wis., 24th.

(3) *Polar Bands*, Wytheville, Va., 13th, 14th, 17th, 24th and 29th; Cleveland, Ohio, 29th; Charleston, S. C., 4th; Smithville, N. C., 10th and 13th; Breckenridge, Minn., 10th and 17th; Dodge City, Kan., 14th and 30th; Fort Madison, Iowa, 15th; Iowa City, Iowa, 1st, 4th, 13th, 25th and 30th; Point Pleasant, La., 4th; Freehold, N. J., 18th; Richmond, Va., 28th.

(4) *Earthquakes* were reported at Knoxville, Tenn., 12th; San Jose, Cal., 14th; San Francisco, Cal., 14th and 27th; Leavenworth, Burlingame, (at 4:40 a. m., motion from SW. to NE.,) Lawrence and Manhattan, (about 5 a. m., motion from W. to E., and lasting a minute,) Kan., 8th; Forsyth, Gainesville, Macon and Augusta, Ga.; Aiken, (at 10 p. m., motion from S. to N.,) Spartanburg and Columbia, S. C., 1st., 10:20 p. m., sufficient shock to shake doors and windows.

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